TB-0344
DIRECT ATTACH TO MQ ON Z/OS

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Section/Group: CICS Systems Programming
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Currently, MQ client programs access the MQ server on the mainframe (z/OS) by connecting, first, to the MQ server running on the UNIX-HP, and from there their request is routed to the MQ server on z/OS. There is no data access or processing occurring on the MQ UNIX. This arrangement forces ITS to purchase, install, and maintain MQ software on both the UNIX machines and the mainframe. In addition, if the UNIX machine is not available, customers loose connectivity to the MQ server on the mainframe.

The proposed solution is to route the user (MQ client) directly to the MQ on the mainframe, without first going to the MQ on the UNIX box. To accomplish this ITS has installed an enhancement called Client Attachment Facility (CAF). This software enables MQ programs to connect directly to the MQ server on the mainframe, eliminating the need for accessing the UNIX MQ server.

Some customers, however, require minor program modifications. For example, if the Queue Manager Name or Hostname is hard coded into the application program, a "recompile" will be required using different names. All agencies that run MQ applications have been notified concerning what changes, if any, are needed to their programs. These changes should be made in the near future because ITS plans to discontinue support of the MQ server on the UNIX box on November 15, 2004.

Please contact the CICS group (801-538-3514) if you have questions or concerns.